

CLAIMS

1. A rod hanger comprising a body adapted to be secured to a building structure and including a threaded rod receiving portion accommodating a vertically extending threaded rod therethrough generally clear of the building structure, and an insert clip in said rod receiving portion gripping the threaded rod to secure it in vertical position.

2. A rod hanger as set forth in claim 1 wherein said rod receiving portion comprises a sheet metal housing with slots in opposite side walls generally parallel to the rod to receive the insert clip.

3. A rod hanger as set forth in claim 2 wherein said insert clip is U-shape having parallel spring legs each having a linear series of grooves forming a thread profile, the profiles in the respective legs being offset by one half the pitch of threads of the rod.

4. A rod hanger as set forth in claim 3 including angled projections in said housing to guide the tips of the legs from one set of slots to the other.

5. A rod hanger as set forth in claim 4 wherein said angled projections engage and back up said legs to hold the thread forms against the rod.

6. A rod hanger as set forth in claim 5 wherein the tips of the legs project through the slots of one wall when the insert clip is fully inserted in the slots of the other.

7. A rod hanger as set forth in claim 6 including projections on the outsides of said spring legs adapted to snap behind the slots in said one wall to lock the insert clip in place.

8. A rod hanger as set forth in claim 2 wherein said sheet metal housing includes aligned notches to receive a beam flange and the like, and a clamp screw to clamp the hanger to said beam flange and the like.

9. A hanger as set forth in claim 2 wherein said sheet metal housing includes an extension terminating in an edge clip.

10. A hanger as set forth in claim 9 wherein said edge clip is angled with respect to the extension.

11. A hanger as set forth in claim 9 wherein said edge clip is generally parallel to said extension.

12. A hanger as set forth in claim 9 wherein said edge clip is generally perpendicular to said extension.

13. A threaded rod hanger comprising a sheet metal body having a first portion adapted to be fixed to a building structure and the like, and a rod receiving portion offset from the first portion accommodating a threaded rod vertically therethrough clear of the structure, and an insert clip in said rod receiving portion operative to grip the threaded rod to hold it in a selected vertical position.

14. A hanger as set forth in claim 13 wherein said housing includes opposite side walls generally parallel to the threaded rod, and parallel slots in said opposite side walls generally parallel to the rod to receive the insert clip.

15. A hanger as set forth in claim 14 wherein said insert clip is U-shape having parallel spring legs each having a linear series of grooves forming a thread profile, the profiles in the respective legs being offset by one half the pitch of threads of the rod.

16. A hanger as set forth in claim 15 including angled projections in said housing to guide the tips of the legs from one set of slots to the other.

17. A hanger as set forth in claim 16 wherein said angled projections engage and back up said legs to hold the thread forms against the rod.

18. A hanger as set forth in claim 17 wherein the tips of the legs project through the slots of one wall when the insert clip is fully inserted in the slots of the other.

19. A hanger as set forth in claim 18 including projections on the outsides of said spring legs adapted to snap behind the slots in said one wall to lock the insert clip in place.

20. A hanger as set forth in claim 14 wherein said sheet metal housing includes aligned notches to receive a beam flange and the like, and a clamp screw to clamp the hanger to said beam flange and the like.

21. A hanger as set forth in claim 13 wherein said body is sheet metal housing includes an extension terminating in an edge clip.

22. A hanger as set forth in claim 21 wherein said edge clip is angled with respect to the extension.

23. A hanger as set forth in claim 21 wherein said edge clip is generally parallel to said extension.

24. A hanger as set forth in claim 21 wherein said edge clip is generally perpendicular to said extension.